

ABSTRACT OF THE DISCLOSURE

A noise eliminator is provided for eliminating noise contained in a signal while avoiding missing signal components. Upon detecting noise contained in an input signal, a holding unit puts the signal into a hold state for output. A synthetic unit synthesizes the signal component of the output signal in the hold state with an interpolation amount supplied from an interpolation control unit, thereby generating an output signal. A predictor performs a predictive operation on the output signal of the synthetic unit to determine a predictive value approximate to the input signal. The interpolation control unit determines the amount of change of the predictive value as the interpolation amount. If the predictive value differs greatly from a hold signal component output in the hold state from the holding unit, the interpolation control unit stops or inhibits the synthetic unit from performing the synthesis with the interpolation amount.